BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: KODIGEHALLI

Name of Work: *Estimate For Supply And Installation Of CCTV In Word No 12 Kodigehalli*

ESTIMATED COST: Rs.25 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer-Byatarayanapura

Detailed Estimate

Supply and Installation of CCTV cameras at selected points in ward no 12 - Kodigehalli

							Estimate Ammount		**2500000.00**
Sl.No.	**Description of Items**	**Unit**	**No.**	**L**	**B**	**D**	**Qnty**	**Rate**	**Amount**
1	Supplying ,Installartion,Commisoning and Testing CP Plus 3MP ,Meters ip bullet camera,1/3" 3MP PS CMOS image sensor 25fps@3MP ,25/30fps@1080P , H.264,H.264H ,H.264B,MJPEG dual- codec encording DWDR configure(CR) 3DNR,ROI , AWB AGC,BLC , HLC 3.6mm fixed lens (6mm optional),IR Range of 50Mtr IP67 6' , perd,PoE Mobile software iCMOB, CMS Software :KVMS Pro ,vOptimus Pro inclusive of all Taxes , transportation charges as per the direction of Engineer incharge .								
	Approved Data Rate	22160							
		No	16				16		
							16	22160	354560
2	Supplying ,Installation,Commisioning and Testing CP PLUS 32 Ch.H.265,4K Network Vedeo Recorder Up to 32 channel IP Camera,input H265/H 264 dual codec decording up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth support 4SATA HDDs upto 24 TB ,2USB(1USB3.0)HDMI/VGA simaltaneous vedeooutpu support multy band network cameras ONVIF Version 2.4 conformance mobile software iCMOB ,gCMOB inclusive of all taxes transportation charges as per the direction of Engineer incharge .								
	Approved Data Rate	65892							
		No	3				1		
							1	65892	65892
3	**Supplying ,Installation,Commisioning and Testing Netgear Ready NAS 4bay Diskless Network Attached Storage for personal Cloud by Netgear inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	256420							
		No	3				1		
							1	256420	256420
4	**Providing and supplying NAS Hard disk 6 TB inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	23850							
		No	3				1		
							1	23850	23850
5	Supplying ,Installation,Commisioning and Testing D-Link 24-Port Gigabite Switch with 4 combo SFP Ports inclusive of all taxes transportation charges as per the direction of Engineer incharge .								
	Approved Data Rate	34300							
		No	3				1		
							1	34300	34300
6	Supplying ,Installation,Commisioning and Testing D-Link 8-Port Gigabite Switch with 2 combo SFP Ports inclusive of all taxes transportation charges as per the direction of Engineer incharge .								
	Approved Data Rate	27500							
		No.	3				1		
							1	27500	27500
7	Providing and supplying CATS out door-305 Mtr cable Box inclusive of all taxes transportation charges as per the direction of Engineer incharge .								
	Approved Data Rate	63250							
		No.	7				7		
							7	63250	442750
8	Providing and fixing Media converter Giga Dlink inclusive of all taxes transportation charges as per the direction of Engineer incharge .								
	Approved Data Rate	11200							
		No.	3				1		
							1	11200	11200
9	Providing Cctv MS poles with camera fixing brackets 5 to 6 Mtr Height Box inclusive of all taxes transportation charges as per the direction of Engineer incharge .								
	Approved Data Rate	23500							
		No.	8				8		
							8	23500	188000

10	**Providing and fixing MS Boxes to poles with rust proof powder coating Box inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	8500							
		No	8				8		
							8	8500	68000
11	Providing and fixing electrical works for Boxes for power supply PVC Boards with three pin sockets and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer incharge								
	Approved Data Rate	7500							
		No	8				8		
							8	7500	60000
12	**Providing Internet charges connecting CCTV with IP Based for one month**								
	Approved Data Rate	3000							
		No	16				12		
							12	3000	36000
13	**Providing and fixing SFP-LX-SM GIGA Module Box inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	6000							
		No	3				3		
							3	6000	18000
14	**Providing and fixing fiber optic PATCH Chords Box inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	2200							
		No	3				3		
							3	2200	6600
15	**Supplying ,Installation,Commisioning and Testing UPS 2 KVA with 2 Bateries Box inclusive all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	64400							
		No	2				2		
							2	64400	128800
16	**Erecting of pole ,The pole shall be erected and cement concrete work (1:2:4) including earthwork excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be upto 0.6Mtrabove ground level as per IS 2713-7.1 Erection of light duty pole on footpath 7.5m as per IS 410 Sp 5 charges as per the direction of Engineer incharge .**								
	Approved Data Rate	6300							
		No	8				8		
							8	6300	50400
17	**Providing and fixing HDMI cables 10Mtrs inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	6200							
		No	16				16		
							16	6200	99200
18	**Supplying ,Installation,Commisioning and Testing Vedeo Manager Application Software Manager for display and Management of Camera on vedeo display Box inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	33500							
		No	3				3		
							3	33500	100500
19	**Supplying ,Installation,Commisioning and Testing server rack 15u box inclusive of all taxes transportation charges as per the direction of Engineer incharge .**								
	Approved Data Rate	34500							
		No	4				4		
							4	34500	138000
								Sub Total	**2109972**
								18%GST	**379794.96**
							Missalaneous & Rounding off		**10233.04**
							Grand Total		**2500000.00**

Administrative Approval
Accorded For 25100 lakhs only
Head of A/C P3726
CER NO : 134 Dt: 16/09/22

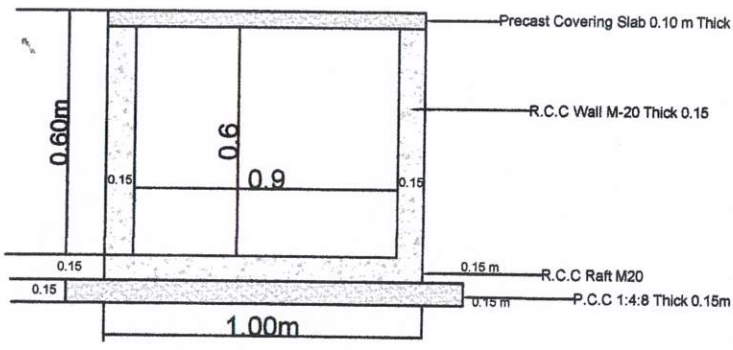
SIA

CE (WK)

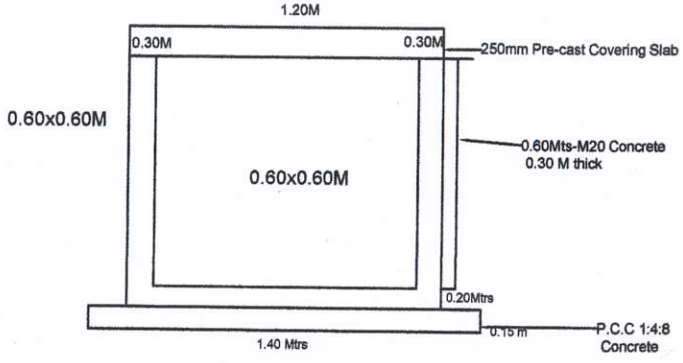
Technical Sanction
Accorded For 25100 lakhs only
Head of A/C P3726
CER NO : 134 Dt: 16/09/22

CE

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬ.ಬೆ.ಪು.ಪಾ., ಬೆಂಗಳೂರು



TYPICAL CROSS SECTION OF DRAIN



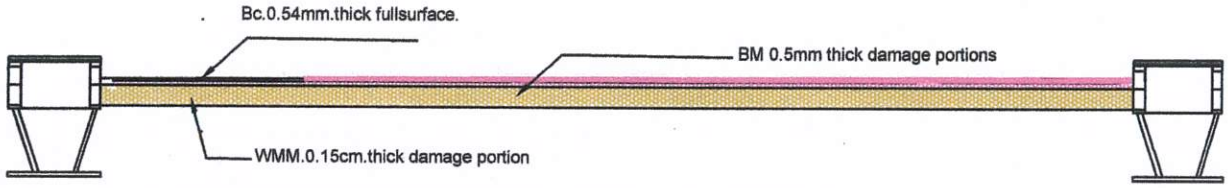
TYPICAL CROSS SECTION OF RCC CULVERT

Aartn Associates

Assistant Engineer

Assistant Executive Engineer
~~Yelahanka Zone~~ Kodigehalli Sub Div
Bangalore-64

CLIENT:-		TITLE:	Revisions		
BRUHAT BANGALORE MAHANAGARA PALIKE		TYPICAL CROSS SECTION OF & DRAIN RCC Culvert	Rev.	Date	Description
			IFO		Initial Drawing for Appro
		SCALE :			



CROSS SECTION OF ASPHALT ROAD

Aartn Associates

Assistant Engineer

Assistant Executive Engineer
Yelahanka Zone
Bangalore-92

CLIENT:	CONSULTANT:-	PROJECT:-			TITLE :	Revisions		
BRUHAT BANGALORE MAHANAGARA PALIKE	AARTN ASSOCIATES		Prepared by		Cross section details of Asphalt Road	Rev	Date	Description
			Designed by			R0		
			Checked by		GO SI No. :			
			Reviewed by					
			Date		SCALE : NTS			